



4. Amendments: None.
5. Dismissals: None.
6. Relief Requested: Applicant requests an exception to the statewide spacing limitations set forth in Va. Code § 45.1-361.17 for **Well No. 900017**.
5. Relief Granted: The requested relief in this cause shall be and hereby is granted. The Board hereby grants Applicant consent to permit and drill proposed **Well No. 900017** which is **2,203 feet from existing Range Resources-Pine Mountain, Inc. Well No. 825614; and 1,664.58 feet from existing Range Resources-Pine Mountain, Inc. Well No. 900006** at the location depicted on the Plat attached hereto as **Exhibit A**.
6. Special Findings: The Board specifically and specially finds:
  - 6.1 Applicant is **Range Resources-Pine Mountain, Inc.** Applicant is duly authorized and qualified to transact business in the Commonwealth of Virginia;
  - 6.2 Applicant **Range Resources-Pine Mountain, Inc.** is an operator in the Commonwealth of Virginia and has satisfied the Board's requirements for operations in Virginia;
  - 6.3 Applicant claims ownership of Conventional Gas Leases of Subject Drilling Unit and the right to explore for, develop and produce Gas from Well No. **900017** as well as the right to participate and develop the reciprocal wells, being **Range Resources-Pine Mountain, Inc. Well Nos. 825614 and 900006**;
  - 6.4 The proposed Well No. **900017** is located on the **Richard Coleman Tract containing 136.18 acres** and the surface, coal, gas and oil owners have consented to the proposed location for Well No. **900017** that is depicted on the Plat attached hereto as **Exhibit A**;
  - 6.5 The Applicant testified it has the right to operate and participate in the development of the reciprocal **Range Resources-Pine Mountain, Inc. Well Nos. 825614 and 900006** and that the granting of the application filed herein will not impact the correlative rights of any person;
  - 6.6 An exception to the well spacing requirements of Va. Code § 45.1-361.17 for Well No. **900017** is necessary to efficiently drain a portion of the common sources of supply (reservoir) underlying Subject Drilling Unit, and the Board's granting of the requested location exception is in the best interest of preventing the waste of **450** million cubic feet of Conventional Gas underlying the Subject Drilling Unit, and to generally effect the purposes of the Virginia and Oil Act;
  - 6.7 Applicant proposes the drilling of Well No. **900017** to a depth of **6,019** feet on the Subject Drilling Unit at the location depicted on Exhibit A to produce all the Mississippian and Devonian Age formations including, but not limited to, **Ravencliff, Maxon, Big Lime, Weir, Berea and Devonian Shale**, from surface to total depth drilled, **6,019** feet ("Subject Formations");

- 6.8 **Applicant proposes to drill Well No. V-530287 a distance of 55 feet closer to EQT Well No. P-93 and 347 feet closer to EQT Well No. P-80 than the 2500 feet mandated by statewide spacing;**
- 6.9 Applicant proposes to complete and operate Well No. V-530287 for the purpose of producing Conventional Gas;
7. Conclusion: Therefore, the requested relief and all terms and provisions set forth above be and hereby are granted and **IT IS SO ORDERED.**
8. Appeals: Appeals of this Order are governed by the provisions of Va. Code Ann. § 45.1-361.9 which provides that any order or decision of the Board may be appealed to the appropriate circuit court. Such appeals must be taken in the manner prescribed in the Administrative Process Act, Va. Code Ann. § 9-6.14:1 *et seq.* and Rule 2A of the Rules of the Virginia Supreme Court.
9. Effective Date: This Order shall be effective as of the date of the Board's approval of this Application, which is set forth at Paragraph 1 above.

DONE AND EXECUTED this 26 day of August, 2011, by a majority of the Virginia Gas and Oil Board.

Bradley C. Lambert  
Chairman, Bradley C. Lambert

DONE AND PERFORMED this 26<sup>th</sup> day of August, 2011, by Order of the Board.

Rick Cooper  
Rick Cooper  
(Acting) Principal Executive to the Staff, Virginia Gas and Oil Board

STATE OF VIRGINIA  
COUNTY OF RUSSELL

Acknowledged on this 26<sup>th</sup> day of August, 2011, personally before me a notary public in and for the Commonwealth of Virginia, appeared Bradley C. Lambert, being duly sworn did depose and say that he is Chairman of the Virginia Gas and Oil Board, and appeared Rick Cooper, being duly sworn did depose and say that he is Acting Principal Executive to the Staff of the Virginia Gas and Oil Board that they executed the same and were authorized to do so.

Diane Davis  
Diane Davis, Notary Public  
174394

My commission expires: September 30, 2013



7,270'

Latitude 37° 15' 00"

Well Coordinates: (Geographic N27)  
37.220722° -82.191676°

--- Mineral Line  
- - - - - Surface Line

Note 1: The boundary lines shown hereon are based on deeds, plats and maps of record and do not depict a current boundary survey.

Note 2: The well will be drilled within 10' of the permitted coordinates.

Approx. Loc. 825614

Longitude 82° 10' 00"

10,685'

1250'R

Approx. Surf. P.  
①

Allene Yates - surface

N 32°34' E  
2,203'

②

⊙ Watkins-10

The Industrial Development Authority  
of Buchanan County - surface

⑥

900017

DMLR Permit  
No. 1101861

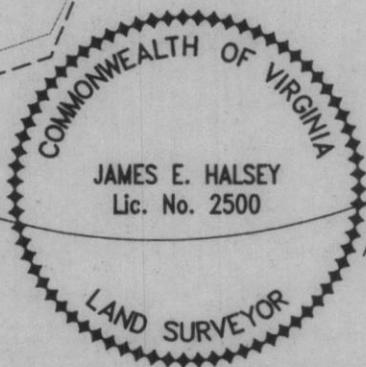
S 62°31' E  
1,664.58'

⑤

③

⊙ 900006

④



Well Coordinates: (VA St. Plane S. Zone,  
NAD 83)  
N 3,624,973.48 E 10,408,323.32

Well Coordinates: (VA St. Plane S. Zone,  
NAD 27 Calculated from NAD 83)  
N 344,095.40 E 925,337.73

Well Coordinates: (Clinchfield Coal Co.)  
N 43,975.33 E 55,930.94

Note: See Attached Tract  
Ownership Information Schedule

Well elevation determined by GPS  
survey from HARN Monument P-424

Area of Unit = 112.69 Ac.

WELL LOCATION PLAT

COMPANY Range Resources-Pine Mountain, Inc. WELL NAME AND NUMBER 900017  
TRACT NO. Richard Coleman ELEVATION 2,006.46' QUADRANGLE Prater  
COUNTY Buchanan DISTRICT Prater SCALE 1" = 400' DATE 1-11-2011

This Plat is a new plat x; an updated plat       ; or a final location plat         
+ Denotes the location of a well on United States topographic Maps, scale 1 to  
24,000, latitude and longitude lines being represented by border lines as shown.

James E. Halsey  
Licensed Professional Engineer or Licensed Land Surveyor

**900017 PLAT**  
**TRACT OWNERSHIP INFORMATION SCHEDULE**  
1/11/2011

- 1 . Richard Coleman  
136.18 Acres  
ACIN LLC - coal  
Alpha Land & Reserves LLC - coal lessee  
WBRD LLC - coal  
Dickenson-Russell Coal Company LLC - coal lessee  
Range Resources - Pine Mountain, Inc. - oil & gas  
Gas 23.36 Ac. 20.73%
  
- 2 . Watkins  
829 Acres  
ACIN LLC - coal  
Alpha Land & Reserves LLC - coal lessee  
WBRD LLC - coal  
Dickenson-Russell Coal Company LLC - coal lessee  
The Industrial Development Authority of Buchanan County - surface  
Range Resources - Pine Mountain, Inc. - oil & gas  
Gas 48.71 Ac. 43.22%
  
- 3 . Elihu Kiser  
190.63 Acres  
ACIN LLC - coal  
Alpha Land & Reserves LLC - coal lessee  
WBRD LLC - coal  
Dickenson-Russell Coal Company LLC - coal lessee  
Range Resources - Pine Mountain, Inc. - oil & gas  
Gas 13.57 Ac. 12.04%
  
- 4 . James Marshall Anderson - surface, coal, oil & gas  
22.5 Acres  
Gas 2.41 Ac. 2.14%
  
- 5 . Shade W. Boyd  
55.02 Acres  
ACIN LLC - coal  
Alpha Land & Reserves LLC - coal lessee  
WBRD LLC - coal  
Dickenson-Russell Coal Company LLC - coal lessee  
Range Resources - Pine Mountain, Inc. - oil & gas  
Gas 24.57 Ac. 21.80%
  
- 6 . Ronnie C. Dales, et al - surface & gas  
5.5 Acres  
ACIN LLC - coal  
Alpha Land & Reserves LLC - coal lessee  
WBRD LLC - coal  
Dickenson-Russell Coal Company LLC - coal lessee  
Range Resources - Pine Mountain, Inc. - oil  
Gas 0.07 Ac. 0.07%